

**DEPARTMENT OF TRANSPORTATION****DIVISION OF ENGINEERING SERVICES****OFFICE ENGINEER**1727 30<sup>th</sup> Street MS-43

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*Flex your power!  
Be energy efficient!*

December 4, 2012

11-SD-5,8-Var

11-297104

Project ID 1100000406

## Addendum No. 1

Dear Contractor:

This addendum is being issued to the contract for CONSTRUCTION ON STATE HIGHWAY IN SAN DIEGO COUNTY AT VARIOUS LOCATIONS.

Submit bids for this work with the understanding and full consideration of this addendum. The revisions declared in this addendum are an essential part of the contract.

Bids for this work will be opened on Thursday, December 13, 2012.

This addendum is being issued to revise the Notice to Bidders and Special Provisions and the Bid book.

In the Notice to Bidders and Special Provisions, in the "STANDARD PLANS LIST," the following Standard Plan is added:

"B7-11."

In the Notice to Bidders, the ninth paragraph is revised as follows:

"Bids must be on a lump sum basis."

In the Special Provisions, Section 8-2.01, "PORTLAND CEMENT CONCRETE," the following paragraphs are added after the third paragraph.

**"SUPPLEMENTARY CEMENTITIOUS MATERIALS**

The Contractor may use rice hull ash as a supplementary cementitious material (SCM) to make minor concrete. Rice hull ash shall conform to the requirements in AASHTO Designation: M 321 and the following chemical and physical requirements:

Chemical Requirements	Percent
Silicon Dioxide (SiO <sub>2</sub> ) <sup>a</sup>	90 min.
Loss on ignition	5.0 max.
Total Alkalies (as Na <sub>2</sub> O) equivalent	3.0 max.

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Physical Requirements	Percent
Particle size distribution	
Less than 45 microns	95
Less than 10 microns	50
Strength Activity Index with portland cement <sup>b</sup>	
7 days	95 (minimum % of control)
28 days	110 (minimum % of control)
Expansion at 16 days when testing job materials in conformance with ASTM C 1567 <sup>c</sup>	0.10 max.
Surface Area when testing by nitrogen adsorption in conformance with ASTM D 5604	40.0 m <sup>2</sup> /g min.

Notes:

<sup>a</sup> A maximum of 1.0% of the SiO<sub>2</sub> may exist in crystalline form.

<sup>b</sup> When tested in conformance with the requirements for strength activity testing of silica fume in AASHTO Designation: M 307

<sup>c</sup> In the test mix, Type II or Type V portland cement shall be replaced with at least 12% RHA by weight.

For the purposes of calculating cementitious material requirements in Section 90-2.01C, "Required Use of Supplementary Cementitious Materials," of the Standard Specifications and these special provisions, rice hull ash is considered to be represented by the variable *UF*."

In the Special Provisions, Section 10-1.14, "PUMPING PLANT EQUIPMENT," subsection "CONSTRUCTION," sub-subsection "Total Pumping Capacity and Maintenance Requirements," the fifth paragraph is revised as follows:

Pumping plant maintenance must include:

A. Performing adjustments and repairs for proper operation of drainage pump equipment and pumping plant electrical equipment."

In the Special Provisions, Section 10-1.14, "PUMPING PLANT EQUIPMENT," subsection "PAYMENT," the second paragraph is revised as follows:

"Full compensation for pumping plant equipment is included in the contract lump sum price paid for drainage pump equipment, and no additional compensation will be allowed therefor."

In the Special Provisions, Section 10-1.15, "DRAINAGE PUMPING EQUIPMENT," subsection "PAYMENT," the first paragraph is revised as follows:

"The contract lump sum price paid for drainage pumping equipment includes full compensation for furnishing labor, materials, tools, equipment, and incidentals, and for doing work involved in removing the existing drainage pumping equipment and installing drainage pumping equipment, complete in place, as shown on the plans, as specified in these specifications and the special provisions, and as directed by the Engineer."

In the Special Provisions, Section 10-1.16, "PUMPING PLANT ELECTRICAL EQUIPMENT," subsection "MATERIALS," sub-subsection, "Pump Control Equipment," the first paragraph is deleted.

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In the Special Provisions, Section 10-1.16, "PUMPING PLANT ELECTRICAL EQUIPMENT," subsection "PAYMENT," the first paragraph is revised as follows:

"The contract lump sum price paid for pumping plant electrical equipment includes full compensation for furnishing labor, materials, tools, equipment, and incidentals, and for doing work involved in installing pumping plant electrical equipment, complete in place, as shown on the plans, as specified in these specifications and the special provisions, and as directed by the Engineer."

In the Bid book, in the "Bid Item List," Items 2, 3, and 4 are revised, Items 6 and 7 are added and Item 5 is deleted as attached.

To Bid book holders:

Replace the entire "Bid Item List" in the Bid book with the attached revised Bid Item List. The revised Bid Item List is to be used in the bid.

Inquiries or questions in regard to this addendum must be communicated as a bidder inquiry and must be made as noted in the Notice to Bidders section of the Notice to Bidders and Special Provisions.

Indicate receipt of this addendum by filling in the number of this addendum in the space provided on the signature page of the Bid book.

Submit bids in the Bid book you now possess. Holders who have already mailed their book will be contacted to arrange for the return of their book.

Inform subcontractors and suppliers as necessary.

This addendum and attachment are available for the Contractors' download on the Web site:

**[http://www.dot.ca.gov/hq/esc/oc/project\\_ads\\_addenda/11/11-297104](http://www.dot.ca.gov/hq/esc/oc/project_ads_addenda/11/11-297104)**

If you are not a Bid book holder, but request a book to bid on this project, you must comply with the requirements of this letter before submitting your bid.

Sincerely,



LAURIE BERMAN  
District Director

Attachment

**BID ITEM LIST****11-297104**

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
1	074016	CONSTRUCTION SITE MANAGEMENT	LS	LUMP SUM	LUMP SUM	
2	120090	CONSTRUCTION AREA SIGNS	LS	LUMP SUM	LUMP SUM	
3	120100	TRAFFIC CONTROL SYSTEM	LS	LUMP SUM	LUMP SUM	
4	130200	PREPARE WATER POLLUTION CONTROL PROGRAM	LS	LUMP SUM	LUMP SUM	
5	BLANK					
6	740500	DRAINAGE PUMPING EQUIPMENT	LS	LUMP SUM	LUMP SUM	
7	741001	PUMPING PLANT ELECTRICAL EQUIPMENT	LS	LUMP SUM	LUMP SUM	

**TOTAL BID:****\$** \_\_\_\_\_